

Amendments to the Claims:

Please amend the claims as follows.

1. (Original) A transmission belt comprising:
a belt body made of a rubber composition; and
a cord comprised of poly-p-phenylene benzobisoxazole fiber, said cord being embedded in said belt body, said belt body and said cord being formed into an integral whole by vulcanizing said rubber composition;
a surface of said cord being subjected to a primary treatment involving coating a mixture of an epoxy compound and latex and heat treating, and a secondary treatment involving coating a resorcinol-formalin-latex adhesive and heat treating.
2. (Original) A transmission belt according to claim 1, wherein a main ingredient of said rubber composition is one of chloroprene rubber and hydrogenated nitrile rubber.
3. (Original) A transmission belt according to claim 2, wherein said epoxy compound is a polyepoxy compound having at least two epoxy rings in a molecule, and is soluble in water.
4. (Original) A transmission belt according to claim 3, wherein said epoxy compound is one of diglycerol polyglycidyl ether, polyglycerol polyglycidyl ether, and sorbitol polyglycidyl ether.

5. (Original) A transmission belt according to claim 1, wherein said latex is one of an acrylonitrile butadiene rubber latex and chloroprene rubber latex.

6. (Original) A transmission belt according to claim 1, wherein said cord is produced by immersing poly-p-phenylene benzobisoxazole fibers in a primary treatment solution of an aqueous solution of said epoxy compound, said latex, and a ring-opening catalyst of said epoxy compound, and after the immersion, heating at 230°C to 280°C for a predetermined time.

7. (Original) A transmission belt according to claim 6, wherein said ring-opening catalyst is an imidazole compound.

8. (Original) A transmission belt according to claim 7, wherein said ring-opening catalyst is 2-methylimidazole.

9. (Original) A transmission belt according to claim 6, wherein said ring-opening catalyst is added in an amount substantially equal to 10 wt% with respect to the epoxy compound.

10. (Original) A transmission belt according to claim 1, wherein the solid content coat after said primary treatment is 3 to 8 wt% with respect to said cord before said primary treatment.

11. (Currently Amended) A method of treatment for bonding with poly-p-phenylene benzobisoxazole fiber, said method comprising performing:

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a primary treatment involving coating a mixture of an epoxy compound and a latex on a surface of said poly-p-phenylene benzobisoxazole fiber and heat treating the same; and

a secondary treatment involving coating a resorcinol-formalin-latex adhesive and heat treating the same.

Please add following new claims:

12 (New) A transmission belt according to claim 1, wherein the latex is present in the primary treatment at a concentration between 4 to 12% of a primary treatment solution.

13. (New) The method according to claim 11, wherein the concentration of latex in the mixture of the primary treatment is between 4 to 12% of the mixture.

14. (New) A transmission belt according to claim 1, wherein the cord has a bond strength (N/15 mm) of between 90 to 140.

15. (New) The method according to claim 11, wherein the method results in a cord having a bond strength (N/15 mm) of between 90 to 140.